

ISTANBUL, 8 MAY – 2 JUNE 2000

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**COMMITTEE 5****CITEL Administrations****Brazil (Federative Republic of), Canada, Ecuador,  
United States of America, Mexico, Venezuela (Republic of)****INFORMATION PAPER****AGENDA ITEM 1.4: FREQUENCY SHARING BETWEEN SPACE AND  
TERRESTRIAL SERVICES IN BANDS ABOVE 30 GHz**

Many administrations and regional groups have submitted constructive proposals to this Conference that endeavour to harmonize the use of bands above 30 GHz by space and terrestrial services. There are many common elements among these proposals, as well as differences, and it remains for this Conference to deliberate carefully each of these proposals on its merits. However, one recent contribution by a number of administrations in Region 1 (Document 154) can be interpreted as an attempt to foreclose consideration of many proposals, and to focus on only part of a problem that should be addressed in a comprehensive manner.

Global harmonization in these bands is desirable to the extent it can be achieved, yet the pace of technological development is rapidly complicating productive steps toward that end. Many administrations believe that if harmonization does not occur at WRC-2000, it will be prohibitively difficult to achieve at a later conference. In this context, the active participation of all administrations, in all three ITU-R regions, is required in order to achieve a satisfactory approach that is worthy of international consensus. Failure to take decisions in a timely manner may prevent some or all of these space and terrestrial services from operating successfully.

The administrations submitting this paper welcome all contributions toward our mutual goals, including those contained in Document 154. Like many other administrations, we hope:

- to identify sufficient spectrum above 30 GHz for high-density applications in the fixed service;
- to adopt power flux-density limits adequate to protect terrestrial services that have already been deployed;
- to adopt allocations and associated regulatory provisions for high- and low-density applications in the fixed-satellite service and other satellite services;
- to protect important space science services and radio astronomy in these frequency bands;

- to facilitate sharing in such a way as to accommodate each of the services with spectrum requirements in the bands covered by agenda item 1.4; and
- to promote global harmonization.

All administrations will be affected by the decisions of this Conference; all administrations should participate in our deliberations; and all deliberations should be based on the extent to which particular proposals advance the work of the Conference under each agenda item. All administrations are invited to support the views expressed here.

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